

INTERNATIONAL EXCELLENCE FELLOWSHIPS

Experience Report 2021/2022

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| Name and title of fellow | Dr. John Vinson |
| Duration and time of research stay | 30 May 2022 – 28 July 2022 |
| Host professor and host institute at KIT | Lothar Weinhardt, Institute for Photon Science |

Testimonial

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| My research field is |
| Condensed matter physics |
| How my research field is going to affect the world of science? |
| Condensed matter research will improve our understanding of how materials behave on an atomic scale |
| My main finding / highlight during my research work at KIT was |
| While part of the IPS group was measuring the x-ray spectra, a KIT grad student and I worked on the calculations. Despite my pessimism, the subtle polarization-dependence predicted by the calculations were also clearly visible when we saw the measured data a few days later. |
| I have chosen the Karlsruhe Institute of Technology because |
| the synchrotron lightsource and excellent researchers working at it |
| If you want to, you can give advice to the next fellows. What should they know about Karlsruhe, KIT and the International Excellence Fellowships program? |
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